

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070323AR\
 Data File : FD046045.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2023 18:47
 Operator : YP/AJ
 Sample : PB153957BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 05 01:26:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.519	8417989	39.063 ug/ml
Spiked Amount 50.000		Recovery =	78.13%
6) S 2-Fluorobiphenyl (SURR)	8.375	5219598	37.713 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.43%
11) S ortho-Terphenyl (SURR)	11.415	8861682	34.954 ug/ml
Spiked Amount 50.000		Recovery =	69.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.326	6192915	24.860 ug/ml
2) T Naphthalene (C11.7)	5.856	6892606	27.017 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	6928995	27.486 ug/ml
5) T Acenaphthylene (C15.06)	8.178	7308681	33.650 ug/ml
7) T Acenaphthene (C15.5)	8.475	7642325	32.421 ug/ml
8) T Fluorene (C16.55)	9.253	7401855	32.714 ug/ml
9) T Phenanthrene (C19.36)	10.644	7194136	33.716 ug/ml
10) T Anthracene (C19.43)	10.720	7100774	44.689 ug/ml
12) T Fluoranthene (C21.85)	12.450	6984211	34.127 ug/ml
13) T Pyrene (C20.8)	12.745	7018233	36.095 ug/ml
14) T Benzo[a]anthracene (C...	14.610	6560739	36.480 ug/ml
15) T Chrysene (C27.41)	14.654	6532932	33.285 ug/ml
16) T benzo[b]fluoranthene ...	16.155	6898095	36.779 ug/ml
17) T Bnezo[k]fluoranthene ...	16.189	6575281	33.241 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.530	6009441	34.491 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.890	6310795	33.910 ug/ml
20) T Dibenz[a,h]anthracene...	17.930	6147420	33.436 ug/ml
21) T Benzo[g,h,i]perylene ...	18.146	6396121	34.231 ug/ml

(f)=RT Delta > 1/2 Window

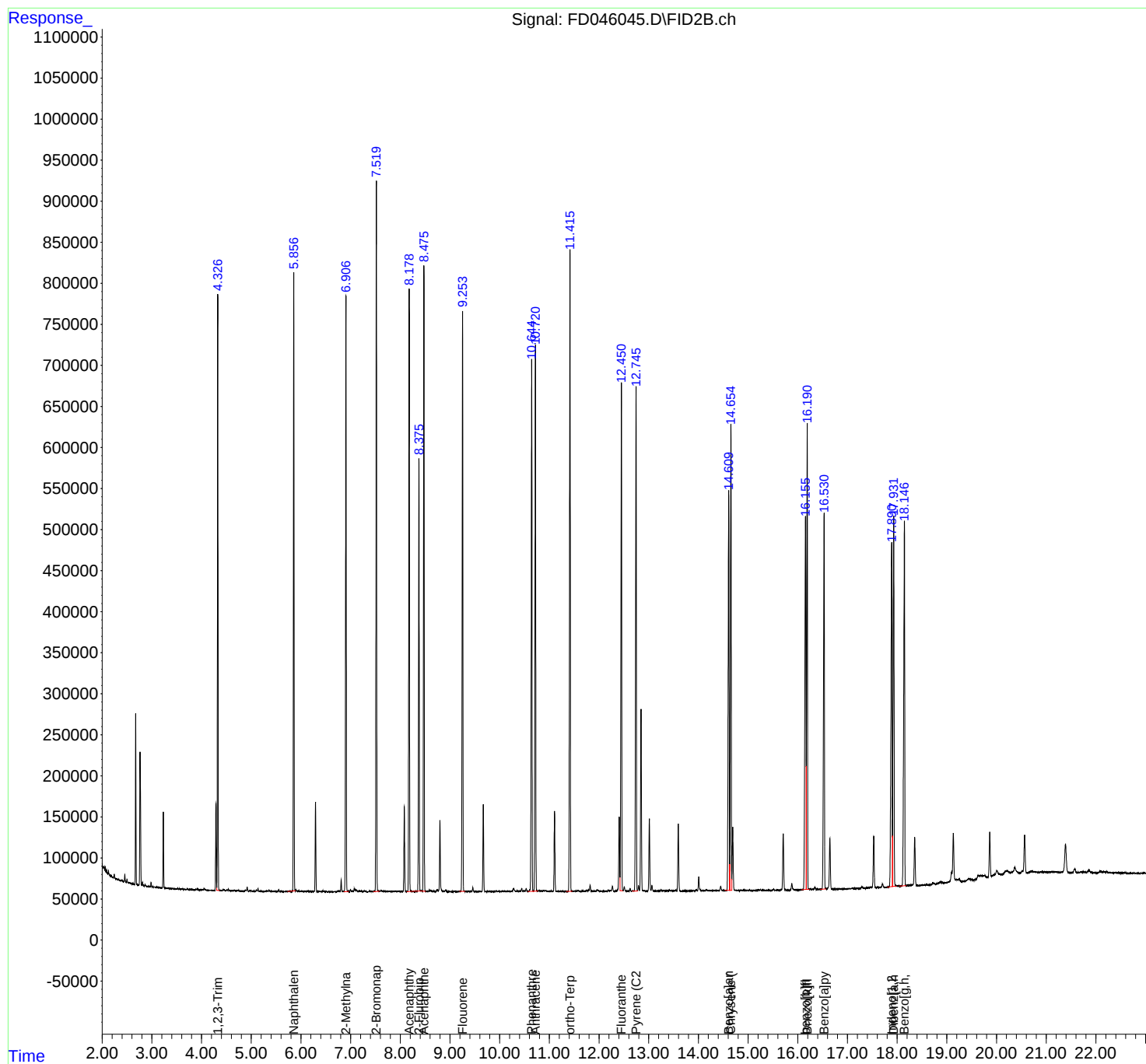
(m)=manual int.

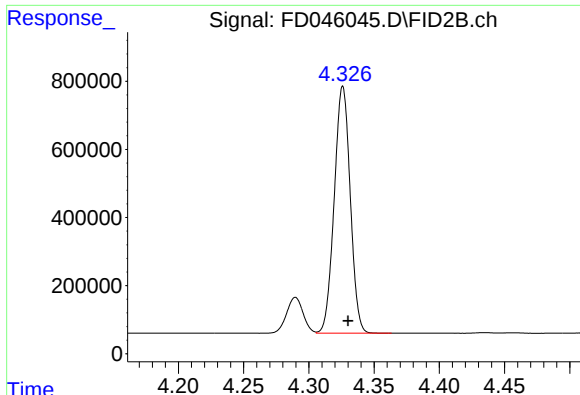
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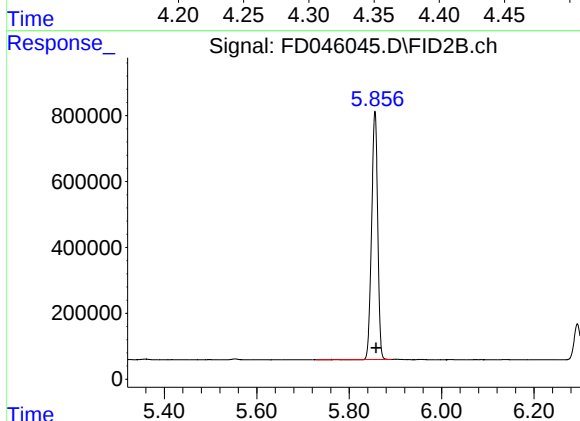




#1 1,2,3-Trimethylbenzene (C10.1)

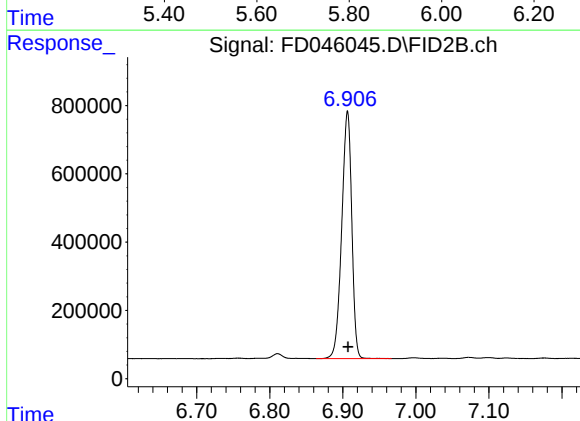
R.T.: 4.326 min
Delta R.T.: -0.004 min
Response: 6192915
Conc: 24.86 ug/ml

Instrument :
FID_D
ClientSampleId :



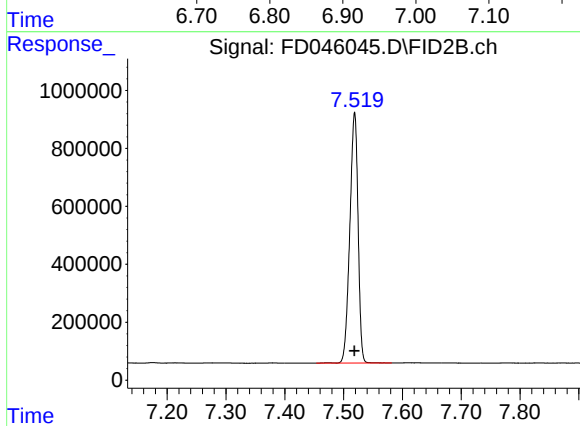
#2 Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 6892606
Conc: 27.02 ug/ml



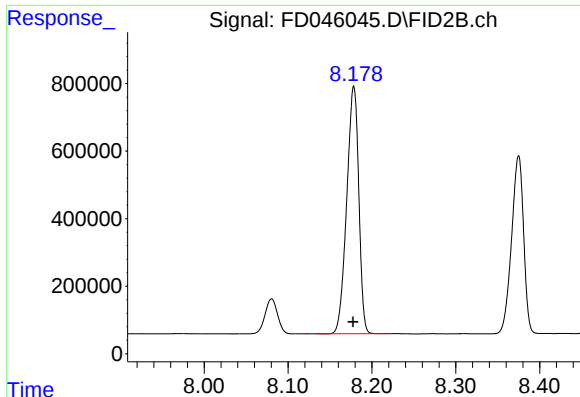
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 6928995
Conc: 27.49 ug/ml



#4 2-Bromonaphthalene (SURR)

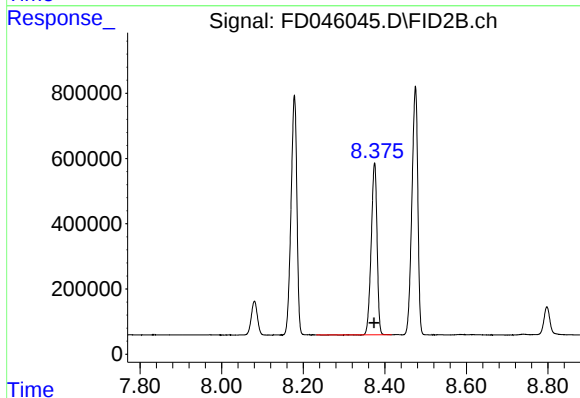
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 8417989
Conc: 39.06 ug/ml



#5 Acenaphthylene (C15.06)

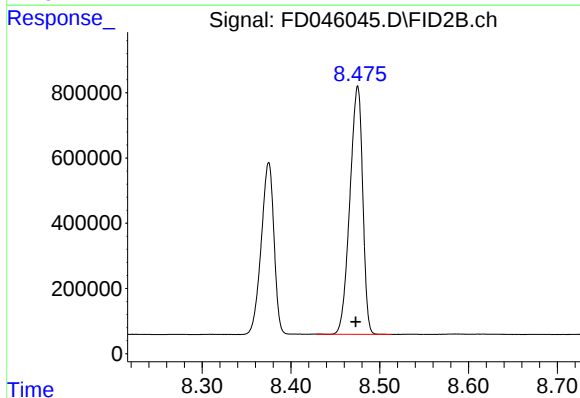
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 7308681
Conc: 33.65 ug/ml

Instrument :
FID_D
ClientSampleId :



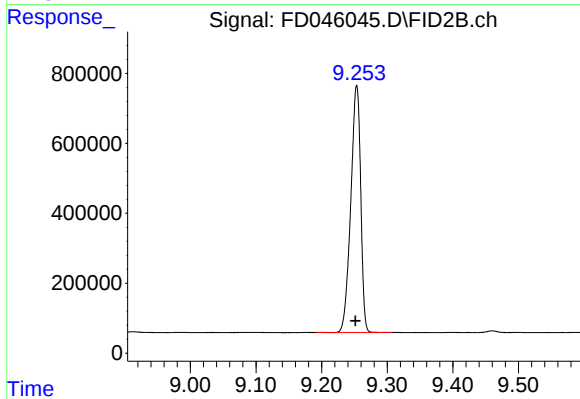
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.375 min
Delta R.T.: 0.001 min
Response: 5219598
Conc: 37.71 ug/ml



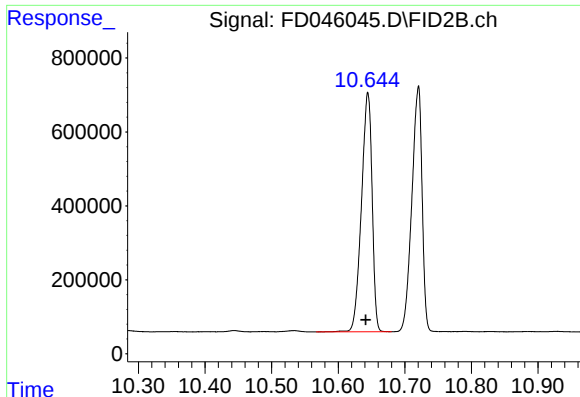
#7 Acenaphthene (C15.5)

R.T.: 8.475 min
Delta R.T.: 0.002 min
Response: 7642325
Conc: 32.42 ug/ml



#8 Fluorene (C16.55)

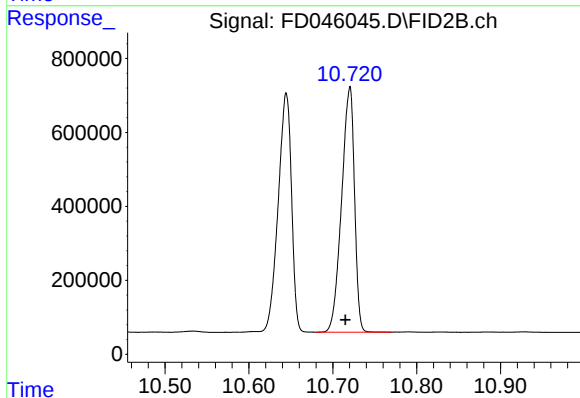
R.T.: 9.253 min
Delta R.T.: 0.002 min
Response: 7401855
Conc: 32.71 ug/ml



#9 Phenanthrene (C19.36)

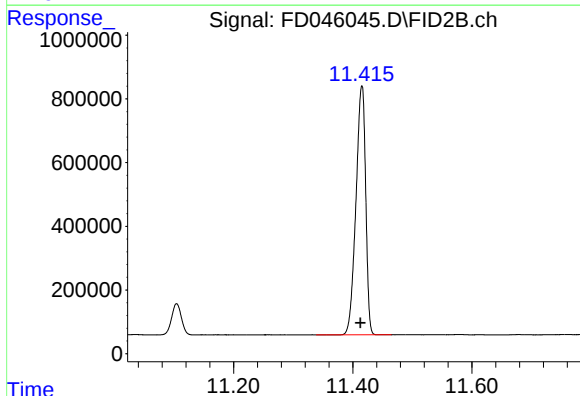
R.T.: 10.644 min
Delta R.T.: 0.003 min
Response: 7194136
Conc: 33.72 ug/ml

Instrument :
FID_D
ClientSampleId :



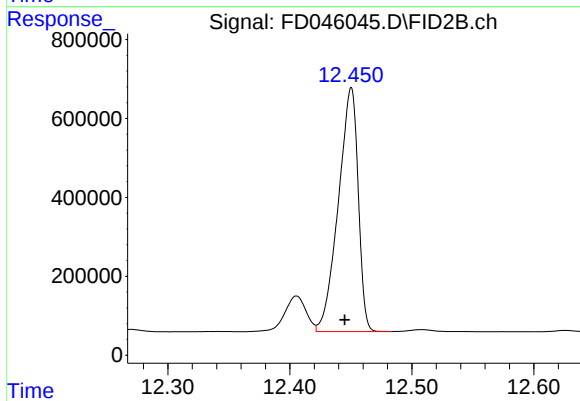
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: 0.005 min
Response: 7100774
Conc: 44.69 ug/ml



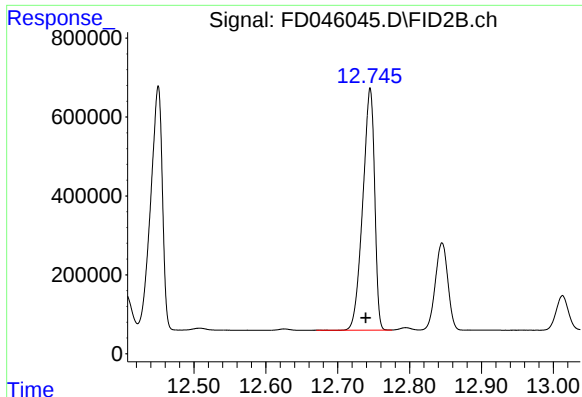
#11 ortho-Terphenyl (SURR)

R.T.: 11.415 min
Delta R.T.: 0.002 min
Response: 8861682
Conc: 34.95 ug/ml



#12 Fluoranthene (C21.85)

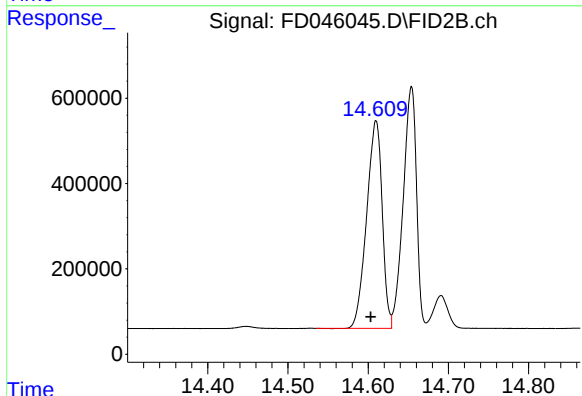
R.T.: 12.450 min
Delta R.T.: 0.005 min
Response: 6984211
Conc: 34.13 ug/ml



#13 Pyrene (C20.8)

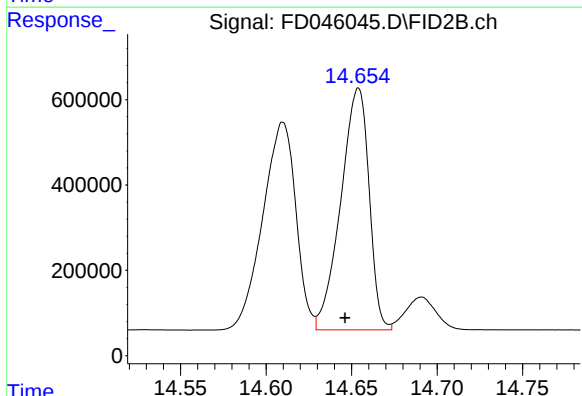
R.T.: 12.745 min
Delta R.T.: 0.006 min
Response: 7018233
Conc: 36.10 ug/ml

Instrument :
FID_D
ClientSampleId :



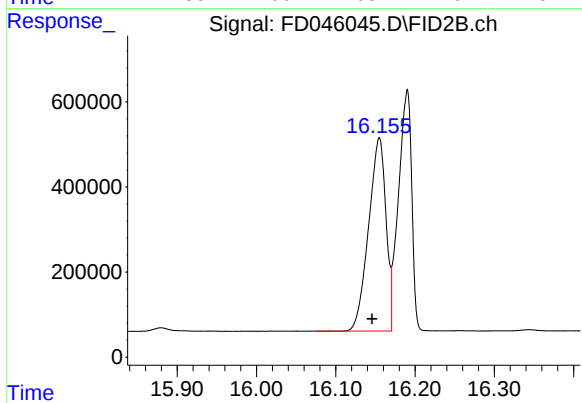
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.610 min
Delta R.T.: 0.006 min
Response: 6560739
Conc: 36.48 ug/ml



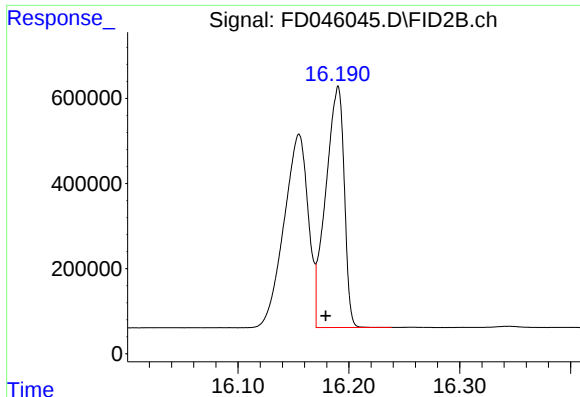
#15 Chrysene (C27.41)

R.T.: 14.654 min
Delta R.T.: 0.007 min
Response: 6532932
Conc: 33.28 ug/ml



#16 benzo[b]fluoranthene (C30.41)

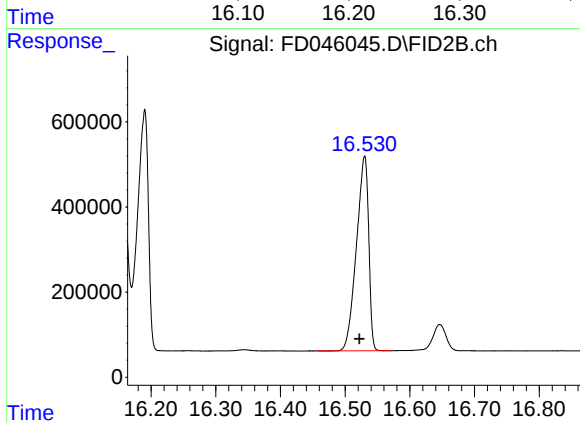
R.T.: 16.155 min
Delta R.T.: 0.009 min
Response: 6898095
Conc: 36.78 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

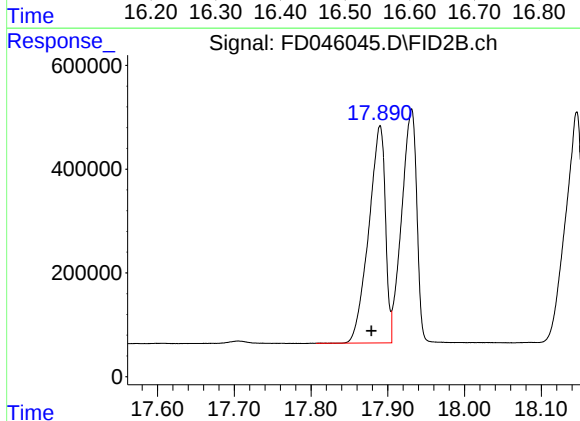
R.T.: 16.189 min
Delta R.T.: 0.010 min
Response: 6575281
Conc: 33.24 ug/ml

Instrument :
FID_D
ClientSampleId :



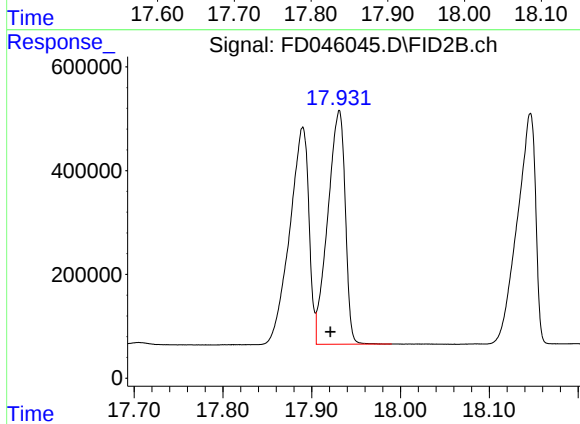
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.530 min
Delta R.T.: 0.008 min
Response: 6009441
Conc: 34.49 ug/ml



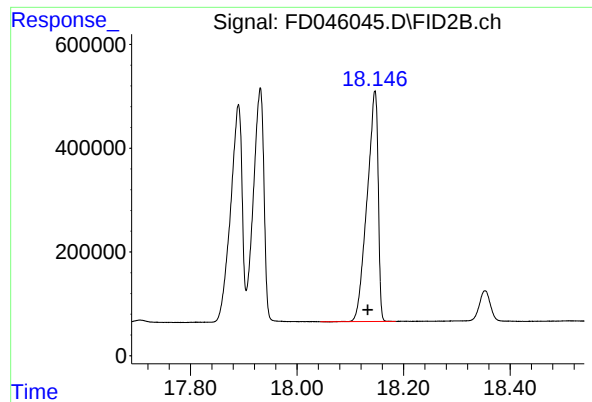
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.890 min
Delta R.T.: 0.011 min
Response: 6310795
Conc: 33.91 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.930 min
Delta R.T.: 0.009 min
Response: 6147420
Conc: 33.44 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.146 min
Delta R.T.: 0.013 min
Response: 6396121
Conc: 34.23 ug/ml

Instrument :

FID_D

ClientSampleId :